ABSTRACT REPAIR OF NERVE DAMAGE

The invention provides a method of treating nerve damage comprising administering to a subject in need thereof an effective non-toxic amount of an MGF (mechanogrowth factor) Insulin-like Growth Factor I (IGF-I) isoform comprising amino acid sequences encoded by nucleic acid sequences of IGF-I exons 4, 5 and 6 in the reading frame of MGF and having the ability to reduce motoneurone loss by 20% or greater in response to nerve avulsion, by localisation of said MGF at the site of said damage.